

ABSTRAK

PENGETAHUAN GURU FISIKA TENTANG SISWA YANG DIMILIKI OLEH 3 ORANG GURU FISIKA SMA DI YOGYAKARTA

Matius Tegar Prasojo
Universitas Sanata Dharma
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Skripsi ini berisi tentang penelitian terhadap pengetahuan guru fisika tentang siswa. Tujuan dari penelitian ini untuk mengungkap dan mendeskripsikan pengetahuan tersebut melalui perekaman video.

Penelitian ini dilakukan pada tiga Sekolah Menengah Atas yang berbeda di Yogyakarta. Subjek dari penelitian ini adalah salah satu guru fisika dari ketiga sekolah tersebut. Objek penelitian ini adalah pengetahuan guru fisika tentang siswa dan alasan guru yang mendasarinya. Penelitian ini merupakan penelitian kualitatif deskriptif dengan instrument pengumpulan data terdiri dari video hasil rekaman pembelajaran, hasil wawancara guru, dan *fieldnotes*.

Video hasil rekaman dilihat berulang-ulang dan kemudian ditranskrip dalam bentuk tulisan. Dari transkrip tersebut dicari hal-hal yang khusus kemudian dikelompokkan dalam satu kategori data berdasarkan tabel indikator pengamatan. Segala bentuk aktivitas guru di kelas dipadukan dengan hasil wawancara untuk menunjukkan pengetahuan guru tentang siswanya.

Hasil ini penelitian adalah: (1) ketiga guru tersebut mengetahui motivasi belajar siswanya; (2) ketiga guru tersebut mengetahui kemampuan belajar siswa dan kesulitan yang dialami oleh siswanya; (3) ketiga guru tersebut mengetahui kebiasaan belajar siswanya; (4) Pengetahuan guru A dan C tentang pengetahuan awal siswa tidak terungkap akan tetapi kedua guru tersebut mengetahui cara menggali pengetahuan awal siswa sebaliknya guru B mengetahui pengetahuan awal siswanya.

Kata kunci: pengetahuan guru

ABSTRACT

PHYSICS TEACHERS' KNOWLEDGE ABOUT STUDENTS OWNED BY THREE PHYSICS TEACHERS OF SENIOR HIGH SCHOOL IN YOGYAKARTA

Matius Tegar Prasajo
Sanata Dharma University
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This thesis described a study of physics teachers' knowledge about students. The purpose of this study was to find out and figured out the knowledge through video recording.

This study was done at three different senior high schools in Yogyakarta. The subjects of this study were one of physics teachers from the three schools. The object of this study was physic teachers' knowledge about students and the underlying teachers' reasons. This study was a descriptive qualitative study in which the instrument of the data collection consisted of video recordings of learning, teacher interviews, and field notes.

Video recordings were watched repeatedly and then those transcribed into written form. The transcript was used to find out particular things which were categorized into one data category that was based on the observation indicator table. Kinds of teachers' activities in the classroom were combined with the results of the interview order to tell teachers' knowledge about their students.

The results of this study are: (1) the three teachers know their students' learning motivation; (2) the three teachers know the student's ability of learning and difficulties that are experienced by the students; (3) the three teachers know their students' study habits; (4) Knowledge of teacher "A" and teacher "C" about students' prior knowledge was not revealed but both these teachers know how to explore students' prior knowledge, otherwise teacher "B" know their students' prior knowledge.

Keywords: teachers' knowledge